

X22A BEAMLINE SAFETY CHECKLIST

19 June 1996

- [] X22A-1. Do not unseal beamline isolation valve (Valve 1A) unless front end ion gauge reads less than 2×10^{-9} Torr. Reclose valve if pressure exceeds 5×10^{-9} for more than 10 seconds.
- [] X22A-2. Valid padlock checklist. Validation date: _____
- [] X22A-3. Exclusion Zone 1 between Isolation Valve and Bremsstrahlung Shield 1 (BS-1). See Photograph A.
- [] X22A-4. Bremsstrahlung Shield 1 (BS-1). Banded. See Photograph B.
- [] X22A-5a. Lead Shield on Be Window 1A downstream of Exclusion Zone 1. See Photograph B.
- [] X22A-5b. Lead Shield on Mask Tank.
- [] X22A-5c. Lead Shield on Bellows between Mask Tank and Mirror Tank.
- [] X22A-5d. Lead Shield on Mirror Tank.
- [] X22A-6. Exclusion Zone 2 upstream of Bremsstrahlung Shield 2 (BS-2). See Photograph C.
- [] X22A-7. Lead Shield on Bellows upstream of Bremsstrahlung Shield 2 (BS-2) (under Exclusion Zone 2). See Photograph C.
- [] X22A-8. Bremsstrahlung Shield 2 (BS-2). Banded. See Photograph C.
- [] X22A-9. Exclusion Zone 3 upstream of Bremsstrahlung Shield 3 (BS-3). See Photograph E.
- [] X22A-10. Bremsstrahlung Shield 3 (BS-3). Banded. See Photograph E.
- [] X22A-11. Lead Shield Skirt and Lead Glass on Viewport above Ion-Pump.
- [] X22A-12. Lead Shield on Bellows and Be Window 2A upstream of Monochromator Tank.
- [] X22A-13. Check Monochromator Purge Log and Pressure Gauge. Pressure should read positive 1 to 3 psi. If not, notify Bill at x2377, or Scott at x7110.
- [] X22A-14. Lead Shield Skirt and Lead Glass on Viewport on Monochromator Tank.
- [] X22A-15. Exclusion Zone 4 between Monochromator Tank and Bremsstrahlung Shield 4 (BS-4, Beam Stop).
- [] X22A-16. Beam Stop (BS-4). Banded.

CHECKS COMPLETED BY: _____ DATE: _____

